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RAW SEQUENCE LISTING DATE: 04/24/2002 P.6
PATENT APPLICATION: **US/09/017,524A** TIME: 16:07:06

Input Set : **A:\seqlist_2060 005000b.txt**
Output Set: **N:\CRF3\04242002\I017524A.raw**

```
 3 <110> APPLICANT: Kubo, Ralph T.
 4       Grey, Howard
 5       Sette, Alessandro
 6       Celis, Esteban
 7       Southwood, Scott
 9 <120> TITLE OF INVENTION: HLA BINDING PEPTIDES AND THEIR USES
12 <130> FILE REFERENCE: 2060.005000B
14 <140> CURRENT APPLICATION NUMBER: 09/017,524A
15 <141> CURRENT FILING DATE: 1998-02-03
17 <150> PRIOR APPLICATION NUMBER: 08/347,610
18 <151> PRIOR FILING DATE: 1994-12-01
20 <150> PRIOR APPLICATION NUMBER: 08/159,339
21 <151> PRIOR FILING DATE: 1993-11-29
23 <150> PRIOR APPLICATION NUMBER: 08/103,396
24 <151> PRIOR FILING DATE: 1993-08-06
26 <150> PRIOR APPLICATION NUMBER: 08/027,746
27 <151> PRIOR FILING DATE: 1993-03-05
29 <150> PRIOR APPLICATION NUMBER: 08/926,666
30 <151> PRIOR FILING DATE: 1992-08-07
32 <150> PRIOR APPLICATION NUMBER: 08/589,107
33 <151> PRIOR FILING DATE: 1996-01-23
35 <160> NUMBER OF SEQ ID NOS: 104
37 <170> SOFTWARE: FastSEQ for Windows Version 4.0
39 <210> SEQ ID NO: 1
40 <211> LENGTH: 9
41 <212> TYPE: PRT
42 <213> ORGANISM: Homo sapiens
44 <400> SEQUENCE: 1
45 Phe Leu Trp Thr Gln Ser Leu Arg Arg
46  1               5
48 <210> SEQ ID NO: 2
49 <211> LENGTH: 9
50 <212> TYPE: PRT
51 <213> ORGANISM: Homo sapiens
53 <400> SEQUENCE: 2
54 Gly Ile Pro Tyr Cys Asn Tyr Ser Lys
55  1               5
57 <210> SEQ ID NO: 3
58 <211> LENGTH: 9
59 <212> TYPE: PRT
60 <213> ORGANISM: Homo sapiens
62 <400> SEQUENCE: 3
63 Gly Val Val Arg Val Trp Asp Val Lys
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PATENT APPLICATION: US/09/017,524A TIME: 16:07:06

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64 1 5
66 <210> SEQ ID NO: 4
67 <211> LENGTH: 9
68 <212> TYPE: PRT
69 <213> ORGANISM: Homo sapiens
71 <400> SEQUENCE: 4
72 Met Leu Arg Leu Phe Asp Phe Asn Lys
73 1 5
75 <210> SEQ ID NO: 5
76 <211> LENGTH: 9
77 <212> TYPE: PRT
78 <213> ORGANISM: Homo sapiens
80 <400> SEQUENCE: 5
81 Arg Thr Arg Asp Ile Tyr Ile Ser Arg
82 1 5
84 <210> SEQ ID NO: 6
85 <211> LENGTH: 9
86 <212> TYPE: PRT
87 <213> ORGANISM: Homo sapiens
89 <400> SEQUENCE: 6
90 Ser Ala Val Ile Asp Ala Leu Pro Arg
91 1 5
93 <210> SEQ ID NO: 7
94 <211> LENGTH: 9
95 <212> TYPE: PRT
96 <213> ORGANISM: Homo sapiens
98 <400> SEQUENCE: 7
99 Ser Val Leu Arg Ala Val Leu Pro Arg
100 1 5
102 <210> SEQ ID NO: 8
103 <211> LENGTH: 9
104 <212> TYPE: PRT
105 <213> ORGANISM: Homo sapiens
107 <400> SEQUENCE: 8
108 Val Thr Phe Leu Leu Leu Cys Gly Arg
109 1 5
111 <210> SEQ ID NO: 9
112 <211> LENGTH: 10
113 <212> TYPE: PRT
114 <213> ORGANISM: Homo sapiens
116 <400> SEQUENCE: 9
117 Ala Met Ser Cys Asp Phe Asn Gly Gly Lys
118 1 5 10
120 <210> SEQ ID NO: 10
121 <211> LENGTH: 10
122 <212> TYPE: PRT
123 <213> ORGANISM: Homo sapiens
125 <400> SEQUENCE: 10
126 Gly Ser Tyr Ile Ala Leu Asp Ser Gly Arg

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127  1               5                   10
129 <210> SEQ ID NO: 11
130 <211> LENGTH: 10
131 <212> TYPE: PRT
132 <213> ORGANISM: Homo sapiens
134 <400> SEQUENCE: 11
135 Lys Ser Phe Leu Trp Thr Gln Ser Leu Arg
136  1               5                   10
138 <210> SEQ ID NO: 12
139 <211> LENGTH: 10
140 <212> TYPE: PRT
141 <213> ORGANISM: Homo sapiens
143 <400> SEQUENCE: 12
144 Leu Thr Tyr Ser Gln Leu Met Thr Leu Lys
145  1               5                   10
147 <210> SEQ ID NO: 13
148 <211> LENGTH: 10
149 <212> TYPE: PRT
150 <213> ORGANISM: Homo sapiens
152 <400> SEQUENCE: 13
153 Arg Thr Arg Asp Ile Tyr Ile Ser Arg Arg
154  1               5                   10
156 <210> SEQ ID NO: 14
157 <211> LENGTH: 9
158 <212> TYPE: PRT
159 <213> ORGANISM: Homo sapiens
161 <400> SEQUENCE: 14
162 Tyr Arg His Leu Leu Cys Leu Glu Arg
163  1               5
165 <210> SEQ ID NO: 15
166 <211> LENGTH: 10
167 <212> TYPE: PRT
168 <213> ORGANISM: Homo sapiens
170 <400> SEQUENCE: 15
171 Gly Thr Tyr Glu Gly Leu Leu Arg Arg Arg
172  1               5                   10
174 <210> SEQ ID NO: 16
175 <211> LENGTH: 9
176 <212> TYPE: PRT
177 <213> ORGANISM: Homo sapiens
179 <400> SEQUENCE: 16
180 Leu Leu Arg Arg Asn Gln Met Gly Arg
181  1               5
183 <210> SEQ ID NO: 17
184 <211> LENGTH: 9
185 <212> TYPE: PRT
186 <213> ORGANISM: Homo sapiens
188 <400> SEQUENCE: 17
189 Phe Gln Asn Ser Thr Phe Ser Phe Arg
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Input Set : **A:\seqlist_2060 005000b.txt**
Output Set: **N:\CRF3\04242002\I017524A.raw**

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     190  1               5
     192 <210> SEQ ID NO: 18
     193 <211> LENGTH: 9
     194 <212> TYPE: PRT
     195 <213> ORGANISM: Homo sapiens
     197 <400> SEQUENCE: 18
     198 Leu Leu Ala Phe Leu Gln Tyr Arg Arg
     199  1               5
     201 <210> SEQ ID NO: 19
     202 <211> LENGTH: 10
     203 <212> TYPE: PRT
     204 <213> ORGANISM: Homo sapiens
     206 <220> FEATURE:
     207 <221> NAME/KEY: VARIANT
     208 <222> LOCATION: (1)...(1), (4)...(6)
     209 <223> OTHER INFORMATION: Xaa represents any amino acid
     211 <220> FEATURE:
     212 <221> NAME/KEY: VARIANT
     213 <222> LOCATION: (2)...(2)
     214 <223> OTHER INFORMATION: Xaa = Val, Leu or Met
     217 <221> NAME/KEY: VARIANT
     218 <222> LOCATION: (3)...(3)
     219 <223> OTHER INFORMATION: Xaa = Tyr or Asp
W--> 221 <221> VARIANT
     222 <222> LOCATION: (8)...(8)
     223 <223> OTHER INFORMATION: Xaa = Gln or Asn
W--> 225 <400> 19
W--> 226 Xaa Xaa Xaa Xaa Xaa Xaa Ile Xaa Lys Lys
     227  1               5                   10
     229 <210> SEQ ID NO: 20
     230 <211> LENGTH: 11
     231 <212> TYPE: PRT
     232 <213> ORGANISM: Homo sapiens
     234 <400> SEQUENCE: 20
     235 His Thr Leu Trp Lys Ala Gly Ile Leu Tyr Lys
     236  1               5                   10
     238 <210> SEQ ID NO: 21
     239 <211> LENGTH: 9
     240 <212> TYPE: PRT
     241 <213> ORGANISM: Homo sapiens
     243 <400> SEQUENCE: 21
     244 Ser Val Val Arg Arg Ala Phe Pro His
     245  1               5
     247 <210> SEQ ID NO: 22
     248 <211> LENGTH: 9
     249 <212> TYPE: PRT
     250 <213> ORGANISM: Homo sapiens
     252 <400> SEQUENCE: 22
     253 Ala Phe Thr Phe Ser Pro Thr Tyr Lys
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RAW SEQUENCE LISTING DATE: 04/24/2002
PATENT APPLICATION: US/09/017,524A TIME: 16:07:06

Input Set : A:\seqlist_2060 005000b.txt
Output Set: N:\CRF3\04242002\I017524A.raw

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254  1               5
256 <210> SEQ ID NO: 23
257 <211> LENGTH: 9
258 <212> TYPE: PRT
259 <213> ORGANISM: Homo sapiens
261 <400> SEQUENCE: 23
262 Ser Ser Ala Gly Pro Cys Ala Leu Arg
263  1               5
265 <210> SEQ ID NO: 24
266 <211> LENGTH: 9
267 <212> TYPE: PRT
268 <213> ORGANISM: Homo sapiens
270 <400> SEQUENCE: 24
271 Cys Ala Leu Arg Phe Thr Ser Ala Arg
272  1               5
274 <210> SEQ ID NO: 25
275 <211> LENGTH: 9
276 <212> TYPE: PRT
277 <213> ORGANISM: Homo sapiens
279 <400> SEQUENCE: 25
280 Trp Met Asn Ser Thr Gly Phe Thr Lys
281  1               5
283 <210> SEQ ID NO: 26
284 <211> LENGTH: 9
285 <212> TYPE: PRT
286 <213> ORGANISM: Homo sapiens
288 <400> SEQUENCE: 26
289 Leu Gly Phe Gly Ala Tyr Met Ser Lys
290  1               5
292 <210> SEQ ID NO: 27
293 <211> LENGTH: 9
294 <212> TYPE: PRT
295 <213> ORGANISM: Homo sapiens
297 <400> SEQUENCE: 27
298 Val Ala Gly Ala Leu Val Ala Phe Lys
299  1               5
301 <210> SEQ ID NO: 28
302 <211> LENGTH: 9
303 <212> TYPE: PRT
304 <213> ORGANISM: Homo sapiens
306 <400> SEQUENCE: 28
307 Met Val His Gln Ala Ile Ser Pro Arg
308  1               5
310 <210> SEQ ID NO: 29
311 <211> LENGTH: 10
312 <212> TYPE: PRT
313 <213> ORGANISM: Homo sapiens
315 <400> SEQUENCE: 29
316 Gln Met Val His Gln Ala Ile Ser Pro Arg
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 04/24/2002
PATENT APPLICATION: US/09/017,524A TIME: 16:07:07

Input Set : A:\seqlist_2060 005000b.txt
Output Set: N:\CRF3\04242002\I017524A.raw

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:19; Xaa Pos. 1,2,3,4,5,6,8
Seq#:43; Xaa Pos. 1,2,3,5,6,8
Seq#:44; Xaa Pos. 1,2,3,4,5,6,7
Seq#:45; Xaa Pos. 1,3,4,5,7,8,9,10
Seq#:46; Xaa Pos. 1,2,3,4,5,6,7,8,9
Seq#:47; Xaa Pos. 1,2,3,4,5,6,7,8,9,10
Seq#:48; Xaa Pos. 1,2,3,4,5,6,7,8
Seq#:49; Xaa Pos. 1,2,3,4,5,6,7,8,10
Seq#:50; Xaa Pos. 1,2,3,4,5,6,7,8,9
Seq#:51; Xaa Pos. 1,2,3,4,5,6,7,8,9
Seq#:52; Xaa Pos. 1,2,3,4,5,6,7,8,10,11
Seq#:53; Xaa Pos. 1,2,3,4,5,6,7,8,9,11
Seq#:54; Xaa Pos. 1,2,3,4,5,6,7,8,9,11
Seq#:55; Xaa Pos. 1,2,3,4,5,6,7,8,9,10
Seq#:56; Xaa Pos. 1,2,3,4,5,6,7,8,9,10
Seq#:57; Xaa Pos. 1,2,3,4,5,6,8
Seq#:58; Xaa Pos. 1,2,3,4,5,6,7
Seq#:59; Xaa Pos. 1,2,3,4,5,6,7
Seq#:60; Xaa Pos. 1,2,3,4,5,6,8,9
Seq#:61; Xaa Pos. 1,2,3,4,5,6,7,9
Seq#:62; Xaa Pos. 1,2,3,4,5,6,7,9
Seq#:63; Xaa Pos. 1,2,3,4,5,6,7,8
Seq#:64; Xaa Pos. 1,2,3,4,5,6,8,9,10
Seq#:65; Xaa Pos. 1,2,3,4,5,6,7,9,10
Seq#:66; Xaa Pos. 1,2,3,4,5,6,7,9,10
Seq#:67; Xaa Pos. 1,2,3,4,5,6,7,8,10
Seq#:68; Xaa Pos. 1,2,3,4,5,6,7,8,10
Seq#:69; Xaa Pos. 1,2,3,4,5,6,7,8,9
Seq#:70; Xaa Pos. 1,2,3,4,5,6,7,8,9
Seq#:71; Xaa Pos. 1,2,3,4,5,6,8,9,10,11
Seq#:72; Xaa Pos. 1,2,3,4,5,6,7,9,10,11
Seq#:73; Xaa Pos. 1,2,3,4,5,6,7,9,10,11
Seq#:74; Xaa Pos. 1,2,3,4,5,6,7,8,10,11
Seq#:75; Xaa Pos. 1,2,3,4,5,6,7,8,10,11
Seq#:76; Xaa Pos. 1,2,3,4,5,6,7,8,9,11
Seq#:77; Xaa Pos. 1,2,3,4,5,6,7,8,9,11
Seq#:78; Xaa Pos. 1,2,3,4,5,6,7,8,9,10
Seq#:79; Xaa Pos. 1,2,3,4,5,6,7,8,9,10
Seq#:80; Xaa Pos. 1,2,3,4,5,6,7,8,9
Seq#:81; Xaa Pos. 1,2,3,4,5,6,7,8,9,10
Seq#:82; Xaa Pos. 1,2,3,4,5,6,7,8,9
Seq#:83; Xaa Pos. 1,2,3,4,5,6,7,8,9,10
Seq#:84; Xaa Pos. 1,2,3,4,5,6,7
Seq#:85; Xaa Pos. 1,2,3,4,5,6,7,8

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 04/24/2002
PATENT APPLICATION: **US/09/017,524A** TIME: 16:07:07

Input Set : **A:\seqlist_2060 005000b.txt**
Output Set: **N:\CRF3\04242002\I017524A.raw**

Seq#:86; Xaa Pos. 1,2,3,4,5,6,7,8,9
Seq#:87; Xaa Pos. 1,2,3,4,5,6,7,8,9,10
Seq#:88; Xaa Pos. 1,2,3,4,5,6,7
Seq#:89; Xaa Pos. 1,2,3,4,5,6,7,8
Seq#:90; Xaa Pos. 1,2,3,4,5,6,7,8,9
Seq#:91; Xaa Pos. 1,2,3,4,5,6,7,8,9,10
Seq#:92; Xaa Pos. 1,2,3,4,5,6,7,8
Seq#:93; Xaa Pos. 1,2,3,4,5,6,7,8,9
Seq#:94; Xaa Pos. 1,2,3,4,5,6,7,8,9,10
Seq#:95; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11
Seq#:96; Xaa Pos. 1,2,3,4,5,6,7,8
Seq#:97; Xaa Pos. 1,2,3,4,5,6,7,8,9
Seq#:98; Xaa Pos. 1,2,3,4,5,6,7,8,9,10
Seq#:99; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11
Seq#:100; Xaa Pos. 1,2,3,4,5,6,7,8
Seq#:101; Xaa Pos. 1,2,3,4,5,6,7,8,9
Seq#:102; Xaa Pos. 1,2,3,4,5,6,7,8,9,10
Seq#:103; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11
Seq#:104; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22
Seq#:104; Xaa Pos. 23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41
Seq#:104; Xaa Pos. 42,43,44,45,46,47,48,49,50,51,52,53,54,55

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Input Set : **A:\seqlist_2060 005000b.txt**
Output Set: **N:\CRF3\04242002\I017524A.raw**

L:221 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:19
L:225 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:19
L:226 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
L:455 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:43
L:456 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0
L:478 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:44
L:479 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0
L:501 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:45
L:505 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:45
L:506 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:0
L:524 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:46
L:528 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:46
L:529 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:0
L:547 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:47
L:551 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:47
L:552 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47 after pos.:0
L:569 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:48
L:573 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:48
L:574 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:0
L:596 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:49
L:597 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:0
L:619 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:50
L:620 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:0
L:642 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:51
L:643 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:0
L:665 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:52
L:666 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:0
L:688 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:53
L:689 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53 after pos.:0
L:711 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:54
L:712 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54 after pos.:0
L:734 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:55
L:735 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:0
L:757 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:56
L:758 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56 after pos.:0
L:777 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57 after pos.:0
L:796 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:0
L:815 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59 after pos.:0
L:834 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60 after pos.:0
L:853 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61 after pos.:0
L:872 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62 after pos.:0
L:891 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63 after pos.:0
L:910 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64 after pos.:0
L:929 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65 after pos.:0
L:948 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:0
L:967 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67 after pos.:0
L:986 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68 after pos.:0
L:1005 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69 after pos.:0

VERIFICATION SUMMARY DATE: 04/24/2002
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Input Set : **A:\seqlist_2060 005000b.txt**
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L:1024 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:70 after pos.:0
L:1043 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:71 after pos.:0
L:1062 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:0
L:1081 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73 after pos.:0
L:1100 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74 after pos.:0
L:1119 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75 after pos.:0
L:1138 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76 after pos.:0
L:1157 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77 after pos.:0
L:1176 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78 after pos.:0
L:1195 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:79 after pos.:0
L:1218 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:80
L:1219 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80 after pos.:0
L:1242 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:81
L:1243 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81 after pos.:0
L:1265 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:82
L:1266 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82 after pos.:0
L:1288 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:83
L:1289 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:83 after pos.:0
L:1308 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84 after pos.:0
L:1327 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85 after pos.:0
L:1346 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86 after pos.:0
L:1365 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:87 after pos.:0
L:1384 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:88 after pos.:0
L:1403 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89 after pos.:0
L:1422 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:90 after pos.:0
L:1441 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91 after pos.:0
L:1464 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:92
L:1488 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:93
L:1512 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:94
L:1536 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:95
L:1560 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:96
L:1584 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:97
L:1608 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:98
L:1632 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:99
L:1655 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:100
L:1678 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:101
L:1701 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:102
L:1724 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:103
L:1747 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:104